IN THE CLAIMS

Claims 1 – 19 are pending in this application with claims 1 – 15 being previously withdrawn and claims 16 – 19 being amended by this response.

1. (withdrawn) An apparatus for detecting a myocardial infarction comprising:

a) a housing;

b) a plurality of electrodes extending from said housing, each of said plurality of electrodes being placed at a predetermined position on a body of a user for obtaining data representing bodily activity;

c) a processor positioned within said housing and connected to said plurality of electrodes, wherein said processor analyzes said data obtained by said plurality of electrodes to form a baseline ECG and records said formed ECG;

d) means connected to said processor for storing said data representing the baseline ECG value; and

e) means for notifying a user of a myocardial infarction, wherein upon positioning said plurality of electrodes on the body of the user subsequently to storing said formed ECG, said plurality of electrodes obtain data representing current bodily activity and said processor compares said data representing current bodily activity to said stored data, whereby if upon determining said data representing current bodily activity deviates from said stored ECG by a predetermined

deviation value, said processor controls said notification means to notify the user to seek medical attention.

2. (withdrawn) The apparatus as recited in claim 1, wherein said processor compares an ST-segment of said formed ECG with an ST-segment of said data representing current bodily activity.

3. (withdrawn) The apparatus as recited in claim 2, wherein said predetermined deviation value is at least one of an elevation or depression of said ST-segment of said data representing current bodily activity of greater than or equal to 1 milivolt from said formed ECG.

4. (withdrawn) The apparatus as recited in claim 1, further comprising means for activating said processor to analyze data obtained by said plurality of electrodes.

5. (withdrawn) The apparatus as recited in claim 4, wherein said activating means is a hand-held operation unit having a trigger button positioned thereon, wherein said apparatus is activated by depressing said trigger button.

6. (withdrawn) The apparatus as recited in claim 1, further comprising a second notification device for notifying a user that data representing current bodily activity does not deviate from said formed ECG by a predetermined amount.

7. (withdrawn) The apparatus as recited in claim 6, wherein said first and second notification devices are visual alarms whereby said first notification device illuminates and is illuminated in a first color and said second notification devices illuminates and is illuminated in a second color different from said first color.

8. (withdrawn) The apparatus as recited in claim 7, further comprising a third notification device, said third notification device is an audible notification device, and upon said processor determining said current ECG value differs from said baseline ECG value, said third notification device emits an audible alert in conjunction with said first notification device.

9. (withdrawn) The apparatus as recited in claim 1, wherein said plurality of electrodes are positioned on the user's body using anatomical markers.

10. (withdrawn) The apparatus as recited in claim 9, wherein said anatomical markers include a navel, a right shoulder, a left shoulder, a right hip, a left hip, a breast bone and a left nipple.

11. (withdrawn) The apparatus as recited in claim 10, wherein said housing includes a navel window for viewing the user's navel therethrough and thereby aiding in positioning said apparatus on a body of the user.

12. (withdrawn) The apparatus as recited in claim 11, further comprising a plurality of adjustable straps extending from said housing, each strap retaining a respective one of said plurality of electrodes.

13. (withdrawn) The apparatus as recited in claim 12, wherein said plurality of adjustable straps is six adjustable straps, each respective adjustable strap includes an electrode positioned on a first end thereof, wherein upon positioning said control panel so that the user's navel is visible through said navel window:

a) a first electrode on a first strap is positioned adjacent to said left shoulder;

b) a second electrode on a second strap is positioned adjacent to said right shoulder;

c) a third electrode on a third strap is position adjacent to said left hip;

d) a fourth electrode on a fourth strap is positioned adjacent to said right hip;

e) a fifth electrode on a fifth strap is positioned left of said breast bone; and

f) a sixth electrode on a sixth strap is positioned beneath said left nipple.

14. (withdrawn) The apparatus as recited in claim 1, further comprising:

a) a first selection button for instructing said processor to record and store data representing said formed ECG from said plurality of electrodes;

b) a second selection button for instructing said processor to record said data representing current bodily activity and compare said data representing current bodily activity with data representing said formed ECG; and

c) A third selection button for instructing said processor to run a diagnostic program for determining if said apparatus is functioning correctly.

15. (withdrawn) The apparatus as recited in claim 9, wherein said housing includes a navel recess for receiving a user's finger therethrough thereby aiding in positioning said apparatus on a body of the user.

16. (currently amended) A method of determining if a user is experiencing a myocardial infarction using an apparatus comprising the steps of:

a) positioning a plurality of electrodes at predetermined positions on a body of a user;

b) activating the apparatus for a first time using an activation device;

c) recording data representing a user-specific baseline ECG value from the plurality of electrodes and storing said data in a memory unit;

d) removing the apparatus from the body of a user;

e) perceiving at least one symptom of a myocardial infarction;

f) repositioning the apparatus on the body of a user;

g) activating the apparatus for a second time using the activation device;

h) recording data representing current bodily activity;

i) comparing the data representing current bodily activity with the data representing the ~~formed~~ user-specific baseline ECG for determining if the data representing current bodily activity deviates from the data

representing the ~~formed~~ user-specific baseline ECG by a predetermined deviation value; and

j) notifying a user, upon detecting the deviation that the at least one symptoms are indicative of a myocardial infarction.

17. (Currently Amended) The method as recited in claim 16, wherein said step of comparing includes comparing an ST-segment of the data representing current bodily activity with an ST-segment of the data representing the ~~formed~~ user-specific baseline ECG.

18. (Currently Amended) The method as recited in claim 16, further comprising the step of notifying a user that the data representing current bodily activity does not deviate from the data representing the ~~formed~~ user-specific baseline ECG by a predetermined deviation value.

19. (currently amended) The method as recited in claim 16, wherein prior to each of said step of positioning and repositioning, further comprising the steps of lying the user down in a supine position and elevating the user's legs at an angle substantially equal to 30°.